EB08835 - Goat Anti-ANKK1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein
Principal Names: ANKK1, ankyrin repeat and kinase domain containing 1, PKK2, X-kinase, protein kinase PKK2
Official Symbol: ANKK1
Accession Number(s): NP_848605.1
Human GeneID(s): 255239

Immunogen
Peptide with sequence C-SRQADPNLHEAEGKT, from the internal region of the protein sequence according to NP_848605.1.

Please note the peptide is available for sale.

Purification and Storage
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested
Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx. 85kDa band observed in Human Brain (Substantia nigra and Amygdala) lysates (calculated MW of 84.6 kDa according to NP_848605.1).
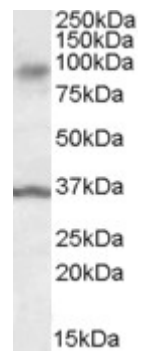Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed at 35 kDa. This band was successfully blocked by incubation with the immunising peptide.
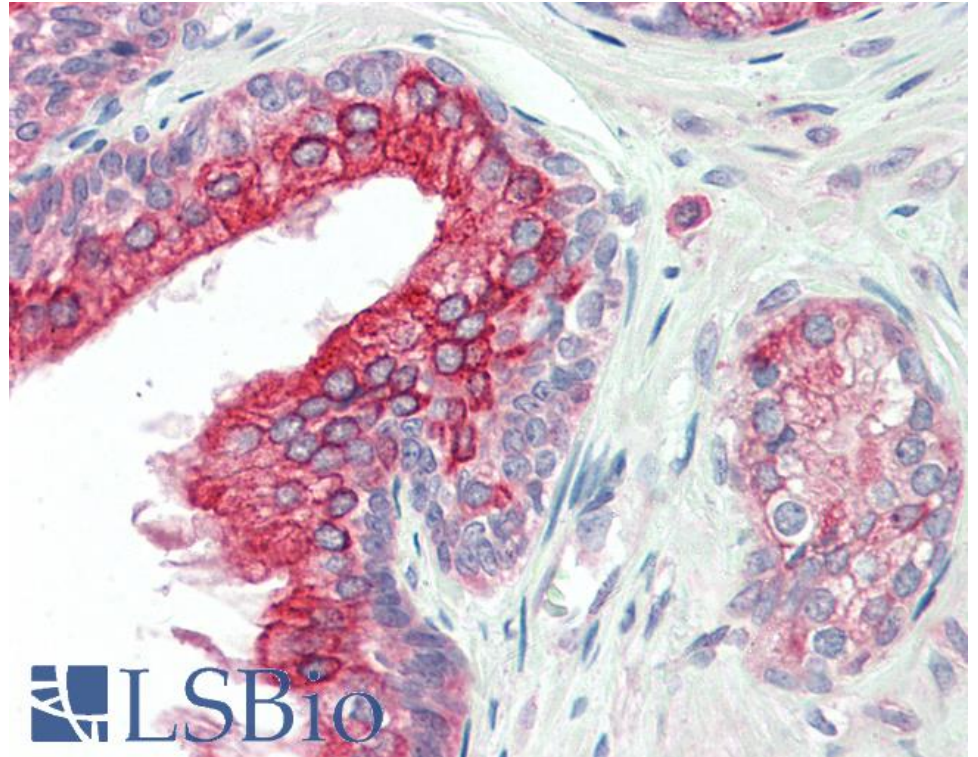**IHC:** Paraffin embedded Human Prostate. Recommended concentration: 5-10µg/ml.

Species Reactivity
Tested: Human
Expected from sequence similarity: Human

EB08835 (0.1µg/ml) staining of Human Substantia Nigra lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB08835 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.